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Part Number: [54684-0904](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 3.50mm Stacking Height, 90 Circuits

Documents:

3D Model	Product Specification PS-54684-008 (PDF)
Drawing (PDF)	Packaging Specification SPK-54684-001 (PDF)
Product Specification PS-54684-006 (PDF)	RoHS Certificate of Compliance (PDF)

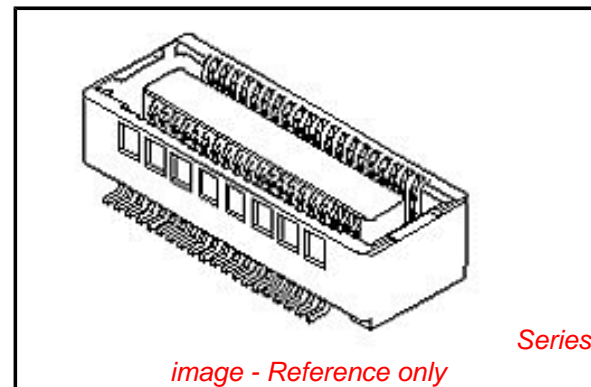


image - Reference only

General

Product Family	PCB Receptacles
Series	54684
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	822348351893

Physical

Circuits (Loaded)	90
Circuits (maximum)	90
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	3.50mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	347.681/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-25°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54684-001
Product Specification	PS-54684-006, PS-54684-008, RPS-54684-023, RPS-54684-026
Sales Drawing	SD-54684-011, SD-54684-012

EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

54684Series

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